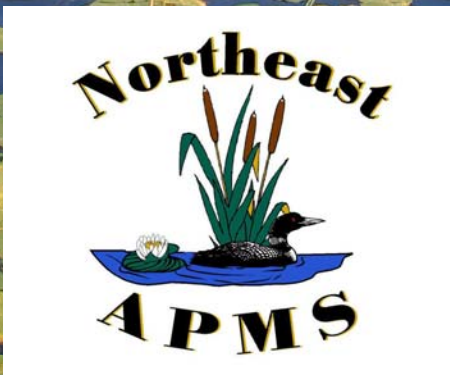


Slideshow of Plant Displays from the 2008 NEAPMS Plant Workshop



Introduction

At the January 2008 Annual Meeting, C. Barre Hellquist, Professor Emeritus, Massachusetts College of Liberal Arts conducted a workshop of live aquatic plants, obtained via internet purchase, that have the potential to become established in the Northeast, if they are not already here.

Most aquatic plants available via the internet for purchase during the winter months are those sold for the aquarium trade. During the summer, species suitable for the water gardening trade would also be available.

Barre selected plants that are hardy or possibly hardy to the Northeast. A few were already familiar, as they are native or already established here: *Myriophyllum heterophyllum*, *M. pinnatum*, *M. aquaticum*, *Nuphar advena*, *Cabomba caroliniana* and *Vallisneria americana*. However, many of the plants he selected are native to the Southeast (*Nymphoides aquaticum*, *Mayaca fluviatilis* and *Didipilis diandra*) or hardy European, Australian or Japanese species (*Nymphoides peltata*, *Marsilea quadrifolia* and *Nuphar japonica*).

Thanks to the efforts of NEAPMS members, Amy Smagula and Ken Wagner, photos of the plants Barre selected and presented at the workshop follow. These photos are provided as a reference. Although less familiar to those of us that manage aquatic plants in the Northeast, the photos represent a suite of species easily available for sale via the internet with the potential to get a foothold in the Northeast if given the opportunity. Take note!

Label Key

Red = hardy

Blue = potentially hardy

**Black = tropical or hardiness
unknown**



Nymphoides aquatica
banana plant

native: e. United States, Europe

COLLECTOR
DATE



Egeria najas

marketed as anacharis

native: S. America

vegetatively similar to *Hydrilla verticillata*



Vallisneria gigantea
(*V. americana* var. *gigantea*)
Jungle Val
native: s. United States



Nymphoides peltata
floating-heart
native: Europe, Asia

Hemianthus callitricoides
dwarf baby tears
native: se. United States



Nuphar sagittifolia or
N. japonica

marketed as Cape Fear
spatterdock (*N. sagittifolia*) but
under (*N. japonica*)

native: *N. sagittifolia*: se. United
N. pumila: Japan



Mentha aquatica
aquatic mint

native: Europe

Didipilis diandra
water-purslane

native: e. United States



Hemianthus micrantheoides
baby tears
native: s.e. U.S.



Ludwigia peruvensis
native: South America

Myriophyllum aquaticum
parrot feather
native: South America



Bacopa monnieri
moneywort

native: subtropical United States



Lilaeopsis brasiliensis

native: s. South America



Cabomba caroliniana
fanwort

native: se. United States

Cabomba pulcherrima
(*C. caroliniana*)
fanwort

red form of *C. caroliniana*
native: United States, se. S. America

Myriophyllum simulans
filigree water-milfoil
native: e. Australia



Ludwigia arcuata
needle-leaved ludwigia

native: e. United States



Salvinia molesta

giant Salvinia

native: South America
Federally listed species



Bacopa caroliniana

bacopa

native: se. and c. United States



Echinodorus radicans
marble queen sword
native: s. United States



Shinnersia rivularis

Mexican oakleaf

native: Texas, n. Mexico

Pontederia sagittata
marketed as Singapore pickereweed
native: Mexico, C. America



Micranthumum umbrosum
giant baby tears
native: Virginia to Texas

GIANT
BABY TEARS



Micranthumum
umbrosum
True Aquatic
Fore- to
Midground
Moderate to
Strong Light

Glossostigma elatinoides

native: s. Australia, New Zealand



Potamogeton gayii
native: S. S. America
hardiness: potentially hardy

Marsilea sp.

water-clover

native: Europe



Vallisneria 'Jungle Val'
(*Vallisneria americana*)



Sagittaria lancifolia
lance-leaved arrowhead

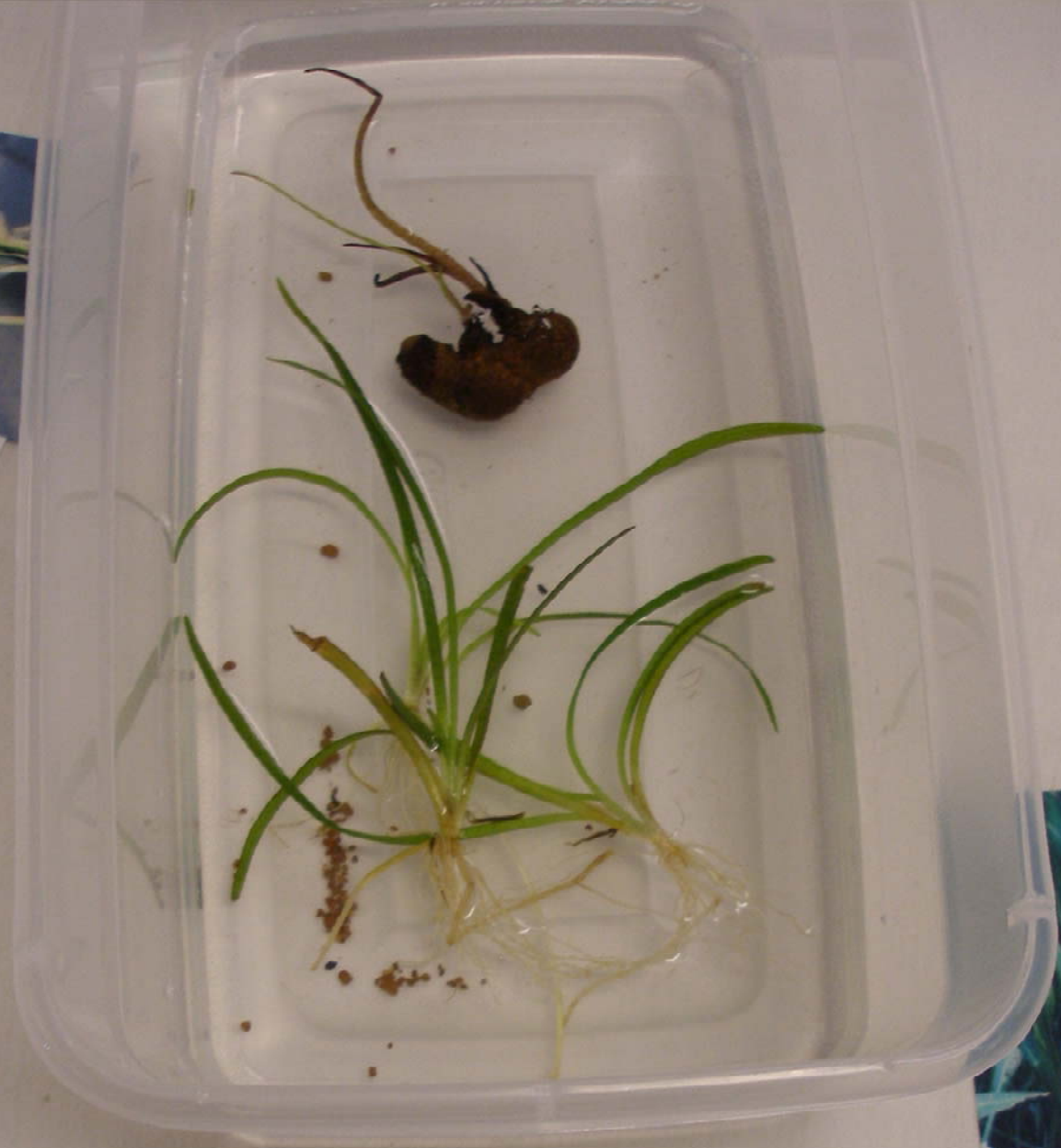
native: se. United States



Vallisneria asiatica
contortion Vallisneria

native: Asia

distachyus



Sagittaria platyphylla
Chilean arrowhead

native S. United States, Mexico,
C. America



Aponogeton distachyus
water hawthorn
native: South Africa



Sagittaria
Cult...



Vallisneria spiralis

Italian Vallisneria

native: Europe, Asia



Ludwigia palustris
water-purslane

native: e. United States



Limnophila indica

ambulia

**native: tropics of Africa, Asia,
Australia**

**similar species: *L. sessilifolia*
is federally listed**



Mayaca fluviatilis

native: se. United States
S. America



Sagittaria arifolia

American frogbit

native: Europe

Myriophyllum simulans
filigree water-milfoil
native: e. Australia



Ludwigia arcuata
single-leaved Ludwigia
native: e. United States

Special thanks to
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botanist and
taxonomist, for putting
this fine workshop
together!